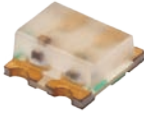
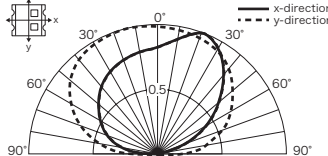
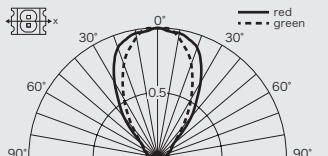
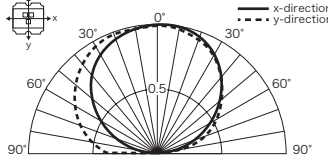
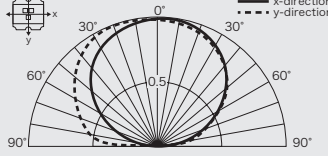
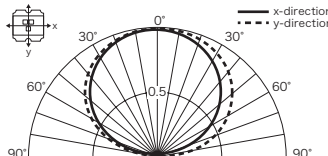
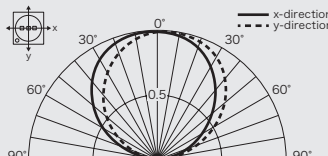
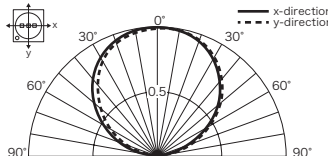
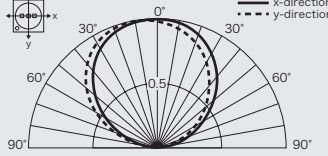


MULTICOLOR LEDs



Ta=25°C

パッケージ Package	品名 Part name	電気的光学的特性 / Electro-optical characteristics										絶対最大定格 / Absolute maximum ratings						標準梱包 数量 Standard qty./Reel	WEB
		発光色 Emitted color	色度座標 Chromaticity coordinates ^{※1}		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity I _v		順電圧 Forward voltage V _F		指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current I _F	順電流 Forward current I _F	順電流低減率 Forward current decrease rate ΔI _F		動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg		
			x Typ.	y Typ.		Min.	Typ.	Typ.	Max.					mA/℃	℃				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/℃	℃	℃	℃	pcs.		
 3mg	FRYPY1211C-0005		-	-	570	6.3	12	1.95	2.4	115 / 140		5	15	0.21	25	-40~+85	-40~+100	4,000	
			-	-	626	14	30	1.85	2.4										
 13mg	DRD1204W		-	-	572	70	130	2.0	2.4	θx 60		20	30	0.43	25	-40~+85	-40~+100	2,500	
			-	-	626	100	184	2.0	2.4	θx 70									
 3.4mg	ARGB1314HSE		-	-	468	125	175	3.0	3.5	120/140		20	25 20 ^{※2}	0.714 0.571 ^{※2}	80	-40~+115	-40~+115	4,000	
			-	-	527	650	900	3.0	3.6	120/140		20	25 25 ^{※2}	0.714 0.714 ^{※2}	80				
			-	-	622	320	440	2.1	2.7	120/140		20	30 30 ^{※2}	0.857 0.857 ^{※2}	80				
 10mg	CRGB1314ASE-500		-	-	469	100	300	3.1	3.7	120 / 120		14	25 20 ^{※2}	0.65 0.50 ^{※2}	80	-40~+100	-40~+120	4,000	
			-	-	532	1,500	2,080	3.2	3.9			23	25 25 ^{※2}	0.65 0.65 ^{※2}	80				
			-	-	622	560	820	2.1	2.8			22	30 30 ^{※2}	0.75 0.75 ^{※2}	80				
			0.300	0.320	-	2,060	3,100	-	-		-	Blue : 14 Green : 23 Red : 22	Blue : 20 Green : 25 Red : 30	-	-				

※製品画像は代表的なものです / All pictures shown are for illustration purposes only. Actual product may vary due to product enhancement.
※1 CIE1931に基づく / In accordance with CIE1931
※2 2色または3色点灯時 / When two or three LEDs with different colors are illuminated

MULTICOLOR LEDs



Ta=25°C

パッケージ Package	品名 Part name	電気的光学的特性 / Electro-optical characteristics										絶対最大定格 / Absolute maximum ratings						標準梱包 数量 Standard qty./Reel	WEB
		発光色 Emitted color	色度座標 Chromaticity coordinates ^{※1}		ドミナント発光波長 Dominant wavelength λd Typ.	発光光度 Luminous intensity I _v		順電圧 Forward voltage V _F		指向半値角 Half-intensity angle 2θ _{1/2} (θx/θy)	指向特性 Spatial distribution	選別電流 Sorting current I _F	順電流 Forward current I _F	順電流低減率 Forward current decrease rate ΔI _F		動作温度 Operating temperature Topr	保存温度 Storage temperature Tstg		
			x Typ.	y Typ.		Min.	Typ.	Typ.	Max.					Derating start temp.	℃				
単位 (Units)		-		nm	mcd		V		deg.	-	mA	mA	mA/℃	℃	℃	℃	pcs.		
L2.04 x W2.04 x H0.6 3.4mg	ARGB1313HS		-	-	473	-	180	3.1	3.8	125 / 145		12	30 20 ^{※2}	0.750 0.500 ^{※2}	60	-40～+85	-40～+100	4,000	
			-	-	527	-	850	3.2	3.8			22	30 25 ^{※2}	0.750 0.625 ^{※2}	60				
			-	-	622	-	450	2.1	2.8			26	30 30 ^{※2}	0.750 0.750 ^{※2}	60				
			0.300	0.320	-	-	1,350	-	-		-	Blue : 12 Green : 22 Red : 26	Blue : 20 Green : 25 Red : 30	-	-				
L3.0 x W2.8 x H0.7 9.4mg	ARGB131CWSE-10		-	-	467	-	250	3.0	3.8	120 / 120		14	30 20 ^{※2}	0.750 0.500 ^{※2}	60	-40～+85	-40～+100	4,000	
			-	-	527	-	2,000	2.7	3.5	120 / 120		18	30 25 ^{※2}	0.750 0.625 ^{※2}	60				
			-	-	621	-	850	2.1	2.8	120 / 120		26	30 30 ^{※2}	0.750 0.750 ^{※2}	60				
			0.300	0.320	-	-	3,000	-	-	-	Blue : 14 Green : 18 Red : 26	Blue : 20 Green : 25 Red : 30	-	-					
L1.1 x W4.5 x H1.5 14mg	ARGB131DFSE-10		-	-	467	-	250	3.0	3.8	110 / 110		15	30 20 ^{※2}	0.750 0.500 ^{※2}	60	-40～+85	-40～+100	2,500	
			-	-	527	-	2,000	2.7	3.5	110 / 110		17	30 25 ^{※2}	0.750 0.625 ^{※2}	60				
			-	-	621	-	900	2.1	2.8	110 / 110		26	30 30 ^{※2}	0.750 0.750 ^{※2}	60				
			0.300	0.320	-	-	3,050	-	-	-	Blue : 15 Green : 17 Red : 26	Blue : 20 Green : 25 Red : 30	-	-					

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